New

ETHERLINE® PN FLEX

LAPP KABEL STUTTGART ETHERLINE® PN Cat.5 FRNC FLEX FC 2x2xAWG22/7

LAPP KABEL STUTTGART ETHERLINE® PN Cat.5 Y FLEX FC 2x2xAWG22/7

Info
- **For Profinet applications**
- **CAT.5-Performance**
- **Flexible use**

■ Benefits
- Screened against interference
- For PROFINET applications type B
- Industrial use
- Can be used in dry or damp rooms

■ Application range
- for industrial secondary and tertiary cabling according to EN 50173-3 ISO/IEC 24702
- For flexible applications (7-wire stranded conductor)
- Wiring of machines, tools, devices, appliances and control cabinets
- Suitable for EtherCAT and EtherNet/IP applications
- 2pair: 10/100 Mbit/s for Industrial Ethernet

■ Product features
- Flame-retardant according to CSA FT4 UL Vertical-Tray Flame Test
- CAT.5-Performance
- FRNC Version: Halogene free and flame retardant
- Fast Connect (FC) cable design

■ Norm references / Approvals
- The cable is UL/CSA-approved (CMG)

■ Product make-up
- Stranded 7-wire bare conductor
- Core insulation: PE
- Star quad
- Inner sheath made of PVC or FRNC
- Overall screening with copper braid and plastic-laminated aluminium foil
- PVC or FRNC jacket material
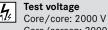- Colour: green (based on RAL 6018)

■ Technical data

Peak operating voltage
(not for power applications) 125 V

Minimum bending radius
Fixed installation: see data sheet

Test voltage
Core/core: 2000 V
Core/screen: 2000 V

Temperature range
See data sheet

Characteristic impedance
100 Ohm +– 15%

Article number	Article designation	Number of pairs and AWG per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
PVC sheath					
2170886	ETHERLINE® PN Cat.5 Y FLEX FC	2 x 2 x AWG22/7	6.5	31.3	67
FRNC outer sheath					
2170890	ETHERLINE® PN Cat.5 FRNC FLEX FC	2 x 2 x AWG22/7	6.5	31.2	65

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths
Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum
Detailed data sheets are available upon request. Please specify the type/dimensions of the required cable.
Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories
- Connector RJ45 Cat.5e for Profinet refer to page 423
- Easy Connect RJ45 Modul Cat.6A 10G refer to page 437
- BUS M12 connectors that can be assembled
- FC STRIP stripping tool refer to page 912

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ACCESSORIES
APPENDIX